



PTO/SB/21 (09-04)
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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

| | |
|------------------------|--------------------|
| Application Number | 09/965,248 |
| Filing Date | September 28, 2001 |
| First Named Inventor | Susan K. Semancik |
| Art Unit | 2184 |
| Examiner Name | Marc M. Duncan |
| Attorney Docket Number | GSC 14,409-1 |

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ENCLOSURES (Check all that apply)

- | | | |
|---|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <i>Copies of references cited in Information Disclosure Statement of Record</i> |
|---|--|---|

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|--------------|---|----------|--------|
| Firm Name | National Aeronautics and Space Administration | | |
| Signature | <i>Bryan A. Geurts</i> | | |
| Printed name | Bryan A. Geurts | | |
| Date | November 26, 2004 | Reg. No. | 34,825 |

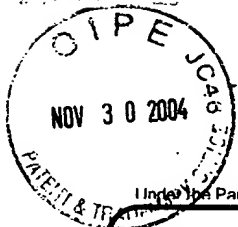
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| | | | |
|-----------------------|------------------------|------|-------------------|
| Signature | <i>Bryan A. Geurts</i> | | |
| Typed or printed name | Bryan A. Geurts | Date | November 26, 2004 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Effective on 10/01/2004. Patent fees are subject to annual revision.

FEE TRANSMITTAL For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known

| | |
|----------------------|--------------------|
| Application Number | 09/965,248 |
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| First Named Inventor | Susan K. Semancik |
| Examiner Name | Marc M. Duncan |
| Art Unit | 2184 |
| Attorney Docket No. | GSC 14,409-1 |

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order

☒ Deposit Account ☐ None

Deposit
Account
Number

14-0116

Deposit
Account
Name

National Aeronautics and
Space Administration

The Director is hereby authorized to: (check all that apply)

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☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17
☒ Credit any overpayments

to the above-identified deposit account.

☐ Other (please identify):

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FEE CALCULATION

1. BASIC FILING FEE

| Fee Description | Fee (\$) | Small Entity Fee (\$) | Fee Paid (\$) |
|------------------------|----------|-----------------------|---------------|
| Utility Filing Fee | 790 | 395 | |
| Design Filing Fee | 350 | 175 | |
| Plant Filing Fee | 550 | 275 | |
| Reissue Filing Fee | 790 | 395 | |
| Provisional Filing Fee | 160 | 80 | |

Subtotal (1) \$ - 0 -

FEE CALCULATION (continued)

2. EXTRA CLAIM FEES

| Fee Description | Fee (\$) | Small Entity Fee (\$) |
|---|----------|-----------------------|
| Each claim over 20 | 18 | 9 |
| Each independent claim over 3 | 88 | 44 |
| Multiple dependent claims | 300 | 150 |
| For Reissues, each claim over 20 and more than in the original patent | 18 | 9 |
| For Reissues, each independent claim more than in the original patent | 88 | 44 |

Total Claims Extra Claims Fee (\$) Fee Paid (\$)
- 20 or HP = x =
HP = highest number of total claims paid for, if greater than 20

Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)
- 3 or HP = x =
HP = highest number of independent claims paid for, if greater than 3

Multiple Dependent Claims Fee (\$) Fee Paid (\$)

Subtotal (2) \$ - 0 -

3. OTHER FEES

| Fee Description | Fee (\$) | Small Entity Fee (\$) | Fee Paid (\$) |
|-------------------------------------|----------|-----------------------|---------------|
| 1-month extension of time | 110 | 55 | |
| 2-month extension of time | 430 | 215 | 430 |
| 3-month extension of time | 980 | 490 | |
| 4-month extension of time | 1,530 | 765 | |
| 5-month extension of time | 2,080 | 1,040 | |
| Information disclosure stmt. fee | 180 | 180 | |
| 37 CFR 1.17(q) processing fee | 50 | 50 | |
| Non-English specification | 130 | 130 | |
| Notice of Appeal | 340 | 170 | |
| Filing a brief in support of appeal | 340 | 170 | |
| Request for oral hearing | 300 | 150 | |
| Other: | | | |

Subtotal (3) \$ 430

SUBMITTED BY

| | | | | | |
|-------------------|------------------------|-----------------------------------|--------|-----------|-------------------|
| Signature | <i>Bryan A. Geurts</i> | Registration No. (Attorney/Agent) | 34,825 | Telephone | 301 286 7351 |
| Name (Print/Type) | Bryan A. Geurts | | | Date | November 26, 2004 |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS: SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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